IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Priority Application Serial No. ....
Priority Filing Date ....
Inventor... Liu et al.
Priority Group Art Unit ....
Priority Examiner ....
Attorney's Docket No. MS1-1639
Title: SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR
       PARSING PACKETIZED, MULTI-PROGRAM TRANSPORT STREAM

PRELIMINARY AMENDMENT

To: Commissioner of Patents and Trademarks,
        Washington, D.C. 20231

From: Jed W. Caven(Tel. 509-324-9256; Fax 509-323-8979)
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In the Claims:

Please add the following claims:

33.   (New) An apparatus, comprising:

a demultiplexer filter implemented as a software object in a filter graph that receives portions of a packetized, multi-program transport stream including program specific information about data in the packetized, multi-program transport stream; and

a parser filter implemented as a software object in a filter graph that extracts, from the program specific information, at least one program identifier associated with data in the packetized, multi-program transport stream,

wherein the parser filter provides at least one program identifier to an external application.

34. (New) The apparatus of claim 33, wherein the parser filter supports an API for retrieving program specific information from the transport stream.

35. (New) The apparatus of claim 33, wherein the transport stream is an MPEG-2 transport stream and the parser filter comprises logic instructions for retrieving a PAT from the transport stream and using information in the PAT to retrieve one or more PMTs from the transport stream.

36. (New) The apparatus of claim 33, wherein the external application comprises a user interface for displaying portions of the extracted program information.

37. (New) The apparatus of claim 33, wherein the external application generates a signal for configuring a demultiplexer based on the program specific information.